

SET AC 190

Air line respirator with TR 82
Mod. P/N 1300000EC

AC 190 is an isolating, continuous flow air line respirator provided with full face mask.

AC 190 is an efficient device to protect respiratory organs from the dangerous effects of chemical products handled in industrial environments. The light weight, considering the protection and durability required, and the ergonomic design make this apparatus easy to operate and very efficient. The respirator is provided with a filter silencer **EOD 55** that reduces the noise to a minimum. The noise reduction, the possibility of regulating the flow and the overflow valve make this apparatus very comfortable to wear and use.

AC 190 is made of **TR 82** mask according to EN 136:98 CL3, corrugated hose type **TUR 801**, filter silencer **EOD 55**, flow regulator **AC 95** and overflow valve.



The **TR 82** full face mask with panoramic visor is connected to the overflow valve that releases the excess air to the external environment. The mask is fed by the **TUR 801** corrugated hose which draws breathable air in the respiration zone and which is positioned between the overflow valve and the filter silencer connected to the flow regulator.

The flow regulator **AC 95** is provided with a male quick coupling for the connection to the feeding hose and it delivers to the operator a continuous flow of air that can be regulated by the user acting on the dedicated handle. The flow regulator is equipped with a low flow alarm which activates when the flow falls below 120 l/min and it is mounted on a support belt to enable an easy and comfortable wearing. **AC 95** is also provided with a male EN 148/1 screw for the connection of the filter silencer **EOD 55**.

AC 190 respirator shall be fed by a compressed air line source delivering air of breathable quality (according to EN 12021) with a pressure between 5 and 6 bar and with a minimum flow for each operator of 250 l/min. The flow regulator is connected to the air line by a compressed air feeding hose made of antistatic rubber available in different lengths and provided with quick couplings for the connection to the air line outlet and to the flow regulator inlet.

Quick couplings are available in two versions: Eurocoupling (standard), compatible with the most widely used coupling for air line, and Spasciani (on demand). Hoses shall be chosen and ordered separately making sure to have ordered the same coupling on the **AC 95** and on the hoses



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TECHNICAL DATA:

Mask: see specific data sheet

Flow regulator AC 95: flow can be set between 165 and 230 l/min, alarm for flow below 120 l/min. Available equipped with the Spasciani male quick coupling (P/N 932100000) or with the standard Eurocoupling quick coupling (P/N 9321000CJ)

Corrugated hose TUR 801: length 50 cm.

Compressed air feeding hose: available in different lengths (max 50 m) and with standard Spasciani or Eurocoupling quick couplings.

Models and order P/Ns:

Length (m)	Hose provided with Spasciani quick couplings	Hose provided with Eurocoupling quick couplings
5	139290000	1392900CJ
10	139300000	1393000CJ
15	139340000	1393400CJ
20	139310000	1393100CJ
30	139330000	1393300CJ
50	139320000	1393200CJ

CLASSIFICATION

Certified as **Class 4B** device to **EN 14594:2005**, it complies with the provisions of Regulation (EU) 2016/425

MARKING



MATERIALS

TR 82 Mask	
Outer face blank:	EPDM
Panoramic Visor:	Scratch and solvent resistant polycarbonate
Inner Nose Cup:	TPE
Five arm head harness:	EPDM
Carrying strap:	PVC
AC 95 flow regulator:	Aluminium alloy nickel plated
EOD 55 filter silencer:	Made of shockproof polypropylene and filtering material (filtering paper and carbon)
Corrugated hose:	Moulded in polyurethane with screwed plastic connections
Overflow valve:	Made of moulded rubber with positive pressure valve
Compressed air feeding hoses:	Antistatic rubber hose, non toxic, fitted with safety quick connectors.



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STORAGE

Store at temperatures between -20 and +50 °C and RH <80%.

WEIGHT

1,4 Kg approximately.

DIMENSIONS/PACKING

The set is packed in a transparent plastic box. Dimensions 380 x 265 x 285 mm.

For more information please check the notes along with the products or the ones published on the website: www.spasciani.com

NOTE: SPASCIANI SpA does not take any responsibility for any possible and unintentional mistake and reserve the faculty of modify materials and technical characteristics of its products at any time and without any notice.